

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		09909784
	Filing Date		2001-07-23
	First Named Inventor	Dale L. BARTHOLOMEW, et al.	
	Art Unit	<del>2449</del> 2467	
	Examiner Name	Duc T. Duong	
	Attorney Docket Number	VE22.20 CON	

U.S.PATENTS						<a href="#">Remove</a>
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	5623601		1997-04-22	Vu	
	2	5625404		1997-04-29	Grady et al.	
	3	5625407		1997-04-29	Biggs et al.	
	4	5625677		1997-04-29	Feiertag et al.	
	5	5627886		1997-05-06	Bowman	
	6	5633916		1997-05-27	Goldhagen et al.	
	7	5636216		1997-06-03	Fox et al.	
	8	5646982		1997-07-08	Hogan et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2449</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

	9	5651006		1997-07-22	Fujino et al.	
	10	5652787		1997-07-29	O'Kelly	
	11	5654957		1997-08-05	Koyama	
	12	5657250		1997-08-12	Park et al.	
	13	5661197		1997-08-26	Villiger et al.	
	14	5661782		1997-08-26	Bartholomew et al.	
	15	5664005		1997-09-02	Emery et al.	
	16	5664102		1997-09-02	Faynberg	
	17	5668857		1997-09-16	McHale	
	18	5669062		1997-09-16	Olds et al.	
	19	5673263		1997-09-30	Basso et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2449</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

	20	5675507		1997-10-07	Bobo, II	
	21	5675741		1997-10-07	Aggarwal et al.	
	22	5680392		1997-10-21	Semaan	
	23	5687167		1997-11-11	Bertin et al.	
	24	5689550		1997-11-18	Garson et al.	
	25	5689553		1997-11-18	Ahuja et al.	
	26	5692039		1997-11-25	Brankley et al.	
	27	5694463		1997-12-02	Christie et al.	
	28	5699089		1997-12-16	Murray	
	29	5699352		1997-12-16	Kriete et al.	
	30	5701295		1997-12-23	Bales et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2440</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

	31	5701465		1997-12-23	Baughner et al.	
	32	5703935		1997-12-30	Raissyen et al.	
	33	5703942		1997-12-30	Pinard et al.	
	34	5710884		1998-01-20	Dedrick	
	35	5712906		1998-01-27	Grady et al.	
	36	5712908		1998-01-27	Brinkman et al.	
	37	5719854		1998-02-17	Choudhury et al.	
	38	5724406		1998-03-03	Juster	
	39	5727129		1998-03-10	Barrett et al.	
	40	5729544		1998-03-17	Lev et al.	
	41	5729599		1998-03-17	Plomondon et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2449</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

	42	5737333		1998-04-07	Civanlar et al.	
	43	5744533		1998-04-28	Iwamoto et al.	
	44	5748468		1998-05-05	Notenboom et al.	
	45	5754639		1998-05-19	Flockhart et al.	
	46	5754641		1998-05-19	Voit et al.	
	47	5757784		1998-05-26	Liebowitz et al.	
	48	5758281		1998-05-26	Emery et al.	
	49	5774530		1998-06-30	Montgomery et al.	
	50	5774533		1998-06-30	Patel	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S.PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
-------------------	---------	--------------------	------------------------	------------------	---	--

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DD/

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	<del>2440</del> 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

	1					
--	---	--	--	--	--	--

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

**FOREIGN PATENT DOCUMENTS**

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button. [Add](#)

**NON-PATENT LITERATURE DOCUMENTS**

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	Gupta, Amit, "Resource sharing for multi-party real-time communication," Proceedings of the Fourteenth Annual Joint Conference of the IEEE Computer and Communication Societies (INFOCOM '95), p.p. 1230-1237, 1995.	<input type="checkbox"/>
	2	Kausar, Nadia, et al., "A Charging Model for Sessions on the Internet," IEEE, p.p. 32-38, April 1999.	<input type="checkbox"/>
	3	Schutzrinne, Henning, "A comprehensive multimedia control architecture for the Internet," IEEE, p.p. 65-76, September 1997.	<input type="checkbox"/>
	4	Tsaoussidis, V., et al., "A CORBA-based Application Service Middleware Architecture and Implementation," State University, of NY at Stony Brook, p.p. 1-7, downloaded, August 19, 2008.	<input type="checkbox"/>
	5	Bernet, Y., et al., "A Framework for Differentiated Services," The Internet Society, p.p. 1-35, September 22, 1999.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2449</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

6	Gleeson, B., et al., "A Framework for IP Based Virtual Private Networks," The Internet Society, p.p. 1-62, February 2000.	<input type="checkbox"/>
7	Yavatkar, Raj, et al., "A Framework for Policy-based Admission Control," Internet Engineering Task Force, p.p. 1-19, April 1999.	<input type="checkbox"/>
8	Ekstein, Ronnie, et al., "AAA Protocols: Comparison between RADIUS, DIAMETER and COPS," Internet Engineering Task Force (IETF), p.p. 1-17, August 1999.	<input type="checkbox"/>
9	Husmann, H., et al., "An edge device for supporting internet integrated services over switched ATM networks," p.p. 1-10, downloaded, August 19, 2008.	<input type="checkbox"/>
10	Sinnreich, H., et al., "Interdomain IP communications with QoS, authorization and usage reporting," <a href="http://www.ietf.org/internet-drafts...">http://www.ietf.org/internet-drafts...</a> , January 2000.	<input type="checkbox"/>
11	Mascolo, Cecilia, et al., "An XML based Programmable Network Platform," Dept. of Computer Science, University College London, p.p. 1-5, June 10, 2005.	<input type="checkbox"/>
12	Kumar, Vijay P., et al., "Beyond Best Effort: Router Architectures for the Differentiated Services of Tomorrow's Internet," IEEE Communications Magazine, p.p. 152-164, May 1998.	<input type="checkbox"/>
13	Pan, Ping, et al., "Diameter-SIP," Internet Draft, p.p. 1-15, November 15, 1998.	<input type="checkbox"/>
14	Neilson, Rob, et al., "A Discussion of Bandwidth Broker Requirements for Internet2 Qbone Deployment," Internet2 Qbone BB Advisory Council, Version 0.7, p.p. 1-30, August 1999.	<input type="checkbox"/>
15	Stojsic, Goran, et al., "Formal Definition of SIP Proxy Behavior," IEEE, p.p. 289-292, February 2001.	<input type="checkbox"/>
16	Bhuyan, L., et al., "Impact of switch Design on the Application Performance of Cache-Coherent Multiprocessors," Dept. of Computer Science, Texas A.and.M University and Intel Corp., p.p. 1-9, November 15, 2005.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	<del>2449</del> 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

17	Product Overview, "IP Highway product overview," <a href="http://iphighway.com/prod/">http://iphighway.com/prod/</a> , p.p. 1-4, September 22, 1999.	<input type="checkbox"/>
18	Rosenberg, Jonathan, et al., "Internet telephony gateway location," IEEE, p.p. 488-496, February 1998.	<input type="checkbox"/>
19	Wright, S., et al., "IP "Telephony" vs. ATM: What is There to Discuss?," IEEE, p.p. 400-409, February 1998.	<input type="checkbox"/>
20	Wedlund, Elin, et al., "Mobility support using SIP," WoWMoM, January 1999.	<input type="checkbox"/>
21	Aiken, B., et al., "Network Policy and Services: A report of a Workshop on Middleware," Network Working Group, p.p. 1-26, February 2000.	<input type="checkbox"/>
22	Aspnes, James, et al., "On-Line Routing of Virtual Circuits with Applications to Load Balancing and Machine Scheduling," p.p. 486-504, Journal of the ACM, Vol. 44, No. 3, May 1997.	<input type="checkbox"/>
23	Salsano, Stefano, et al., "QoS Control by Means of COPS to Support SIP-Based Applications," IEEE Network, March/April 2007.	<input type="checkbox"/>
24	White, Paul P., "RSVP and Integrated Services in the Internet: A Tutorial," IEEE Communications Magazine, p.p. 100-106, May 1997.	<input type="checkbox"/>
25	Beck, Christopher J., et al., "Scheduling alternative activities," <a href="http://www.aaai.org/home.html">http://www.aaai.org/home.html</a> , 1999.	<input type="checkbox"/>
26	Flykt, P., et al., "SIP SERVICES AND INTERWORKING IPv6," 3G Mobile Communication Technologies, 26-28 March 2001, Conference Publication No. 477.	<input type="checkbox"/>
27	Schulzrinne, Henning, et al., "Signaling for internet telephony," Columbia University, Dept. of Computer Science Technical Report CUCS-005-98, February 2, 1998.	<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /DD/



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2440</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

28	Barzilai, Tsipora, et al., "Design and Implementation of an RSVP-based Quality of Service Architecture for Integrated Services Internet," IEEE, May 1997.	<input type="checkbox"/>
29	Hubaux, Jean-Pierre, et al., "The impact of the Internet on telecommunication architectures," Computer Networks 31 (1999).	<input type="checkbox"/>
30	Roberts, Erica, "The New Class System," <a href="http://www.data.com/roundups/class_system.html">http://www.data.com/roundups/class_system.html</a> , p.p. 1-14, September 22, 1999.	<input type="checkbox"/>
31	Wroclawski, J., "The Use of RSVP with IETF Integrated Services," <a href="ftp://ftp.isi.edu/in-notes/rfc2210.txt">ftp://ftp.isi.edu/in-notes/rfc2210.txt</a> , September 22, 1999.	<input type="checkbox"/>
32	Sloman, Morris, et al., "DISTRIBUTED MANAGEMENT FOR THE NETWORKED MILLENNIUM," Proceedings of the Sixth IFIP/IEEE International Symposium on Integrated Network Management - Boston, MA, U.S.A., 24 - 28 May 1999.	<input type="checkbox"/>
33	Schulzrinne, Henning, "MIME-Version: 1.0," email communication dated October 10, 1995.	<input type="checkbox"/>
34	Garrahan, James J., et al., "Marching toward the global intelligent network," IEEE Communications Magazine, Vol. 31, No. 3, p.p. 30-36, March 1993.	<input type="checkbox"/>
35	Gys, L, et al., "Intelligence in the Network," Alcatel Telecommunications Review, p.p. 13-22, 1st Quarter 1998.	<input type="checkbox"/>
36	Yang, C., "INETPhone Telephone Services and Servers on Internet," Network Working Group, p.p. 1-6, April 1995.	<input type="checkbox"/>
37	Perret, Stephane, et al., "MAP: Mobile Assistant Programming for Large Scale Communication Networks," IEEE, p.p. 1128-1132, April 1996.	<input type="checkbox"/>
38	Plunkett, Bill, "ISCP Service Capacity Improvements," Bellcore, February 29, 1996.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2449</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

39	Murray, Dave, "High speed signalling link interface for ISCP version 6.0," Bellcore, February 29, 1996.	<input type="checkbox"/>
40	Evans, Jeff, "Alternative Approaches for Multi-ISCP Locator," Bell Atlantic, March 13, 1996.	<input type="checkbox"/>
41	Performance Task Force, "Off-Line Engineering Tool," Bellcore, September 3, 1996.	<input type="checkbox"/>
42	Jones, Doug R., "Advanced intelligent network delivering control of network routing," Bell Atlantic, downloaded, August 20, 2008.	<input type="checkbox"/>
43	Gorton, Dave, "ISCP Evolution overview," Telcordia Technologies Inc., June 5, 2001.	<input type="checkbox"/>
44	Brown, Kathryn C., "Telecom Convergence," PowerPoint presentation, downloaded August 21, 2008.	<input type="checkbox"/>
45	Cohen, Danny, "Specifications for the Network Voice Protocol (NVP)," <a href="http://www.rfc-archive.org/getrfc.php?rfc=741">http://www.rfc-archive.org/getrfc.php?rfc=741</a> , November 22, 1977.	<input type="checkbox"/>
46	Low, Colin, "The Internet Telephony Red Herring," Hewlett Packard, p.p. 1-15, May 15, 1996.	<input type="checkbox"/>
47	de la Fuente, L.A., et al., "Application of the TINA-C Management Architecture," Bellcore, Red Bank, NJ, downloaded, August 21, 2008.	<input type="checkbox"/>
48	Finseth, C., "An access control protocol, sometimes called TACACS," Network Working Group, University of Minnesota, p.p. 1-21, July 1993.	<input type="checkbox"/>
49	Buchanan, Ken, et al., "IMT-2000: Service Provider's Perspective," IEEE Personal Communications, p.p. 8-13, August 1997.	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.	
Art Unit	<del>2449</del> 2467	
Examiner Name	Duc T. Duong	
Attorney Docket Number	VE22.20 CON	

50	Pontailier, Catherine, "TMN and New Network Architectures," IEEE Communications Magazine, p.p. 84-88, April 1993.	<input type="checkbox"/>
----	---	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button **Add**

**EXAMINER SIGNATURE**

Examiner Signature	/Duc Duong/	Date Considered	12/31/2009
--------------------	-------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	09909784
Filing Date	2001-07-23
First Named Inventor	Dale L. BARTHOLOMEW, et al.
Art Unit	<del>2440</del> 2467
Examiner Name	Duc T. Duong
Attorney Docket Number	VE22.20 CON

**CERTIFICATION STATEMENT**

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

**OR**

- ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- ☒ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☐ None

**SIGNATURE**

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Joseph R. Palmieri/	Date (YYYY-MM-DD)	2009-12-30
Name/Print	Joseph R. Palmieri	Registration Number	40,760

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.